



The Arizona Department of Agriculture and the Arizona Radiation Regulatory Agency routinely monitor Arizona milk supplies. Following the nuclear incident in Japan, trace amounts of Iodine 131 have been found in different samples. These types of findings are to be expected in the coming days and are far below levels of public health concern, including for infants and children. **Please note that all findings at this point are far below the FDA Derived Intervention Level of 4,600 pCi/L.** Iodine-131 has a very short half-life of approximately eight days, and the level detected in milk and milk products is, therefore, expected to drop relatively quickly. State officials will continue to test and closely monitor for radiation levels.

MILK SAMPLES FROM THE PHOENIX AREA

Collected	Iodine-131/pCi/L	Error range	Lower Limit of Detection
3/21/2011	1.8	+/-0.21	0.66
3/23/2011	7.1	+/-0.36	0.66
3/25/2011	12	+/-0.50	0.66
3/25/2011	2.6	+/-0.21	0.48
3/29/2011	<LLD		0.66
3/30/2011	48.0	+/-1.4	0.48
3/31/2011	8.9	+/-0.39	0.48
4/01/2011	19.0	+/-2.4	5.3
4/01/2011	44.0	+/-2.5	4.0
4/01/2011	22.0	+/-2.1	5.0
4/05/2011	9.1	+/- 0.43	0.64

NOTE: U.S. Derived Intervention Level is 4,600 pCi/L for milk.

LLD is Lower Limit of Detection in pCi/L.

pCi/L is picocuries per liter of milk.